1. (Currently Amended) ~~An~~ A massaging ergonomic support mountable on various seat frames characterized in that:

a static portion (52) having anchors and mounts, said mounts being adaptable to fix said static portion to ~~varying seat frames~~ a seat frame;

an active portion (54) operatively engaged with said anchors of said static portion such that said active portion can move in and out of a plane defined by the frame of the seat, and said active portion having a pressure surface with a base level, ~~and~~ said base level having integral convexities ~~in said base level~~, said integral convexities adapted to impart a tactile effect upon a seat occupant as said active portion moves in or out of the plane defined by the frame of the seat; and

at least one actuator, said actuator engaging the active portion by only an actuating linkage (60).

2. (Currently Amended) The massaging ergonomic support for a seat of a claim 1, further comprising at least one second actuator and at least one second actuating linkage (58), each actuator engaging the active portion by only one linkage, one of said actuators actuating in and out ~~and~~ motion of said active portion and the other of said actuators actuating up and down motion of said active portion.

3. (Currently Amended) The massaging ergonomic support of claim 1 ~~any of the preceding claims~~, wherein said actuating linkage is a Bowden cable (60).

4. (Currently Amended) The massaging ergonomic support of claim 1 ~~any of the preceding claims~~, wherein said active portion is an arching pressure surface.

5. (Cancelled) The ergonomic support of any of the preceding claims, wherein said active portion is a push paddle.

6. (Cancelled) The ergonomic support of any of the preceding claims, wherein said active portion is a tensioning strap.

7. (Cancelled) The ergonomic support of any of the preceding claims, wherein said active portion is a pneumatic device.

8. (Currently Amended) The massaging ergonomic support of claim 1 ~~any of the preceding claims~~, wherein said arching pressure surface is stamped metal.

9. (Currently Amended) The massaging ergonomic support of claim 1 ~~any of the preceding claims~~, wherein said arching pressure surface is molded plastic.

10. (Currently Amended) The massaging ergonomic support of claim 1 ~~any of the preceding claims~~, wherein said at least one actuator is driven by an electric motor.

11. (Currently Amended) The massaging ergonomic support of claim 1 ~~any of the preceding claims~~, wherein said base level of said active portion is smooth, and further comprising separately manufactured convexities that are attached to said base level.

12. (Currently Amended) The massaging ergonomic support of claim 1 ~~any of the preceding claims~~ further characterized in that:

said static portions are at least two guide rods (52), said guide rods having mounts adaptable to mount said guide rods on a frame of a seat;

said pressure surface also having upper and lower rod mounts, said rod mounts engaging said guide rods and at least one said upper or lower rod mounts being slideable along said guide rods;

a traction cable (60) having a sleeve and a wire disposed to slide axially through said sleeve, said sleeve having a first end engaging an upper portion or a lower portion of said pressure surface and said wire having a first end engaging the other of said upper portion or said lower portion of said pressure surface; and

an actuator operatively engaged with a second end of said sleeve and a second end of said wire of said traction cable such that said actuator applies or releases traction to said pressure surface via said traction cable;

wherein application of said traction arches said pressure surface outward from a plane defined by guide rods.

13. (New) The massaging ergonomic support of claim 1, wherein said convexities are semi-cylindrical projections

14. (New) The massaging ergonomic support of claim 1, wherein said convexities are semi-hemispherical projections.

15. (New) The massaging ergonomic support of claim 1, wherein said convexities have an amplitude and frequency of 3-15 millimeters.

Reasons & Support for Amended Claims

Claim 1 has been amended to clarify the type of ergonomic support and to clarify the purpose of the integral convexities. These features were previously recited structurally and the amendments merely describe their function and cooperation. Claims 2-12 have been revised to reflect the changes to claim 1.

Claim 2 has been revised to delete an inadvertent word placement.

Claims 3-4, 8-12 have been amended for compliance with Rule 6.4(a).

Claims 5-7 have been cancelled.

New claims 13-15 have been added. Support for claim 13 is provided on page 7, line 24. Support for claim 14 is provided on page 8, line 1. Support for claim 15 is provided on page 8, lines 16-19.

Each one of the amendments to the claims is supported by the specification as originally filed in the present application. No new matter has been introduced by these rewritten claims. Applicant submits that all of the claims in this application are novel according to PCT Article 33(2) and contain an inventive step according to PCT Article 33(3).

Respectfully submitted,

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